

PCT

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/869,098

DATE: 07/09/2001
 TIME: 10:19:35

Input Set : A:\Pct07198.txt
 Output Set: N:\CRF3\07092001\I869098.raw

3 <110> APPLICANT: Takeda Chemical Industries, Ltd.
 W--> 4 <120> TITLE OF INVENTION: UCP-2 promoter DNA
 W--> 5 <130> FILE REFERENCE: 2583WOOP
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/869,098
 C--> 6 <141> CURRENT FILING DATE: 2001-06-22
 6 <150> PRIOR APPLICATION NUMBER: JP 10-366719
 7 <151> PRIOR FILING DATE: 1998-12-24
 W--> 8 <160> NUMBER OF SEQ ID: 5

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

10 <210> SEQ ID NO: 1
 11 <211> LENGTH: 3505
 12 <212> TYPE: DNA
 13 <213> ORGANISM: Human
 W--> 14 <400> SEQUENCE: 1
 C--> 15 aacggatctg cccgcctcag cctcccaaa tgctgggatt gcaggcgtga gccacctcac 60
 16 ctggctacaa gttttcaaaa tacatttatc tagtaccat acattctcca gtttgtccac 120
 17 aggacatctt atgacttgag caagctgcta aaaatccaag ggtgcagcgt ttgtatgtct 180
 18 ataggattgc tcagatctgc ccccaccctg aaagaattta agagaatttc ttgaggccag 240
 19 gcacagtggc tcacacctgt aattccagta ctgtgagagt ccgaggtcag aggactgctt 300
 20 gaggccagga gttcaagagc agcctggaca acacaggag acctgtcact acaaagaata 360
 21 aataaattag ccaggcttag tggctcatcc ctgtggtccc agctactagg gaggcagaag 420
 22 taggactgct tgtcccagga ggtcaagact gcagtgaagt gagaccacag cacctgcatt 480
 23 ccagcctggg caacaaaaag agaccctgtc tcaaaaaata agttaataata ataaataata 540
 24 aaaatagttt aaaccctaaa cacatcttct ttttcaaaag ggacttctta aggacttcat 600
 25 gctgcgtcct gttgatctcc acttcccttt ttcagcgtcc acacttttaa cagtctcttt 660
 26 tgccaaggat aataagtata tagtttctgg aatccagatt cttccctgtt tggacagcca 720
 27 gggggacaat ttttggtctg caggcctttg catctgttct gctgttgctc agcaatctca 780
 28 cagcaaatat gccgagcctc tccggaatgc acagccagac agagctcagc gcaaaagcta 840
 29 gagaacctgg cggagggaga ctcacagtgc cacaaaaaaa ctttatcttt tctttttttt 900
 30 tttcttttct tcttttctct tcttttcttg tctttctgtc tttcctctct ctctctctgt 960
 31 ctttctttcc tcttcttctt tcttttttcc tacatggcaa gatctcctca tggcagaaat 1020
 32 aatctgcctt gacttctgtt tccacgtctc ttctgccagg accatgcgct cggcgtgttt 1080
 33 ttctttccgc tataattatc caggcccatc ccagctctgg tcccctcagc tgttccctgg 1140
 34 cagtcccttc tgetggtgaa aacacatatg gcgcccgcct gaccagggtg taagtgtgtg 1200
 35 aatatcagga agatgactga acgtcttttg gactccgttt cctcattgta aaatggaggt 1260
 36 taataaccagc cttcttctac tccccaaacg cacgtgtttg tcccggccag agggcccaat 1320
 37 tgttggtgtg tcacgcatca gttaccccca caggacgggt cagccaatta aaggcgaacc 1380
 38 aggcccggtc catctcctga cgccttttct catcccagg ctggacaggc agctggcctg 1440
 39 ggcccggctc tgccttgta cgtgcggggg ccggcccgtt tgcttgctct tgtgtaggag 1500
 40 cgtgaggtea cgtggtgtc tcccgcctcg ccggggcctt tagtgtccct ggtccctaaa 1560
 41 cgccaggccg ctccaccggg ggagaaggcg cgaacccag ccgagcccaa cggtgttgt 1620
 42 cgttgccgg gccacctgtt gctgcagttc tgattggttc cttccccga caacgcggcg 1680
 43 gctgtaacca atcgacagcg aggcgggtcg cgaggcccca gtcccgcctt gcaggagcca 1740
 44 gccgcgcgct cgtcgcagc aggtggtgta gttgcccag cgtagggggg ctgggcccac 1800

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/869,098

DATE: 07/09/2001

TIME: 10:19:35

Input Set : A:\Pct07198.txt

Output Set: N:\CRF3\07092001\I869098.raw

```

45 aaaagaggaa gtgcacttaa gacacggccc cgctggacgc ttgttagaaa ccgtcctggc 1860
46 tgggaaggca agaggtgtgt gactggacaa gacttgtttc tggcggtcag tcttgccatc 1920
47 ctcacagagg ttggcgggccc gagagagtgt gaggcagagg cggggagtg caagggagtg 1980
48 accatctcgg ggaacgaagg agtaaacgcg gtgatgggac gcacggaaac gggagtgagg 2040
49 aaagtcatgg agagaaccct aggcggggcg gtccccgcgg aaaggcggct gctccagggt 2100
50 ctccgcaccc aagtaggagc tggcaggccc ggccccgccc cgcaggcccc accccggggc 2160
51 ccgcccccca ggcttaagcc gcgccggccc ctgcgcggag cccactgcg aagcccagct 2220
52 gcgcgcgcct tgggattgac tgtccacgct cgcccggtc gtccgacgcg ccctccgcca 2280
53 gccgacagac acagccgcac gcactgccgt gttctccctg cggtcgggtg agcctggccc 2340
54 cagccctgcg ccctttgcgc ccccccacgt tgttctgcgt gcgctgccg ctcttccatt 2400
55 taccttctct cccacccaag tttgtactct tttctttctc tcggttttat tttttgtttt 2460
56 tgtttgtttg tttgagacag gctttcgctc tgtctcccag gctggagtg agtggcgcg 2520
57 tctcggtcct ctgcagctc cacctcccag gttcaagcga tccgcctgcc gagtagctgg 2580
58 gattacaggc gcccgccacc acgcctggct aatttttgtg tttttagag atggggtttc 2640
59 gccatgttgg ccaggctggc ctcgaaactgc tcagctcaag caatccgccc gcctcggcct 2700
60 cacaaagtcc tagaatttta ggcattgagcc tccgggtccg gcctgtgcta atcctttctg 2760
61 tccttggttc tttatttccc ttctctcttt ttcttagtcc cttttgttct ttccctctcc 2820
62 cgttcagttg gctgtcgttt gagcctccac cttttcactc cctcctttcc accacgatgc 2880
E--> 63 cgagccctgc cttggatggg gaccatcagc gatgaccaca atgacctctc ccttaccagg 2920 2940
64 cagctccagg cagtgttcct gcaccgcctt tcccaaggct tgggggcttt ttctagtggg 3000
65 ctttgagctg ctcaatctgg cctctgcagg gccggctccc agcccttcca acctcctcac 3060
66 agcccgacct gggacctagc caattcccgg agagtctctg tcccatcgtg accccctcac 3120
67 aactctccca ctcaccaaag tctgatgact gtgctagggg gtgcttatat agagtactga 3180
68 gtgttacaaa agcagaagtc tggatgagaa ccaatttgtg atattaagca ggtgggggtg 3240
69 ggggtggggag tgtacctagg ttcattttcc gccctgcttt tcccccttcc agtgtgtgca 3300
70 cttaaccagt ccctgggccc tgttccccat cccctccaa ggcatggatt ggggtgggctt 3360
71 gtgtgtcttg gggcagggtg ccctttctaa actctctgcc tttgctcacc cacaggacac 3420
72 atagtatgac cattaggtgt ttcgtctccc acccattttc tatggaaaac caaggggatc 3480
73 gggccatgat agccactggc agctt 3505
102 <210> SEQ ID NO: 5
103 <211> LENGTH: 30
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
W--> 106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer
W--> 108 <400> SEQUENCE: 5
C--> 109 gaccgggtcga cccagatctg ggctcgacctg 30
E--> 114 1

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/869,098

DATE: 07/09/2001

TIME: 10:19:36

Input Set : A:\Pct07198.txt

Output Set: N:\CRF3\07092001\I869098.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:8 M:283 W: Missing Blank Line separator, <160> field identifier
L:14 M:283 W: Missing Blank Line separator, <400> field identifier
L:15 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=1
L:63 M:254 E: No. of Bases conflict, LENGTH:Input:2920 Counted:2940 SEQ:1
L:79 M:283 W: Missing Blank Line separator, <220> field identifier
L:81 M:283 W: Missing Blank Line separator, <400> field identifier
L:82 M:112 C: (48) String data converted to lower case,
L:88 M:283 W: Missing Blank Line separator, <220> field identifier
L:90 M:283 W: Missing Blank Line separator, <400> field identifier
L:91 M:112 C: (48) String data converted to lower case,
L:97 M:283 W: Missing Blank Line separator, <220> field identifier
L:99 M:283 W: Missing Blank Line separator, <400> field identifier
L:100 M:112 C: (48) String data converted to lower case,
L:106 M:283 W: Missing Blank Line separator, <220> field identifier
L:108 M:283 W: Missing Blank Line separator, <400> field identifier
L:109 M:112 C: (48) String data converted to lower case,
L:114 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:30 SEQ:5